

ABSTRACT

Method, computer program product and server computer system for use in a client server computer architecture. The server sends media assets over computer network to client computer and maintains file system organized into plurality of asset groups, each asset group comprising plurality of media assets, wherein media assets share storage medium bandwidth and storage space on server computer that is reserved for asset group to which plurality of media assets belong. An asset group placement policy module is provided that evaluates attributes of asset group to determine optimal placement of asset group within the file system of server computer system, avoiding replication of assets and spreading asset group across multiple file systems wherever possible. A media asset placement policy module is provided that evaluates asset bandwidth to determine optimal placement for asset and available resources and use this evaluation to distribute media assets within asset groups.

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